UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,700	10/29/2003	Yile Guo	042933/269527 (NC34982US)	5560

73658	7590	10/28/2008

Nokia, Inc.
6021 Connection Drive, MS 2-5-520
Irving, TX 75039

EXAMINER
NGUYEN, QUANG N

ART UNIT	PAPER NUMBER
2441	

MAIL DATE	DELIVERY MODE
10/28/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _29 September 2008_.
2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-24_ is/are pending in the application.
     4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) _1-24_ is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
     a)☐ All   b)☐ Some * c)☐ None of:
     1.☐ Certified copies of the priority documents have been received.
     2.☐ Certified copies of the priority documents have been received in Application No. _____.
     3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
     Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
     Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

Detailed Action

1.   This Office Action is responsive to the Amendment filed on 09/29/2008. Claims

1-9 and 17 have been amended. Claims 1-24 remain pending for examination.

Claim Objections

2.   Claims 2-3 and 6 are objected to because of the following informalities:

On line 3 of claims 2 and 6: "wherein the UNS ..." is suggested to be "wherein

the ~~UNS~~ user naming system ..."

On line 2 of claim 3: "wherein a user naming system ..." is suggested to be

"wherein [[a]] **the** user naming system ..."

Appropriate correction is required.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   **Claims 1-4, 6-12, 14-20 and 22-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wu et al. (US 7,085,997), hereinafter "Wu", in view of Khakoo et al (US 2003/0135569), hereinafter "Khakoo".**

5.   As to claim 1, **Wu** discloses an apparatus comprising:

a processor configured to receive, from an application, a request for an identity of a user *(a Password-All Portal system/server, which includes a processor, receiving from applications residing on servers 23, 25 and 27 a request for an identify of a user such as user ID and password)*, and wherein the processor is configured to automatically select one of a plurality of identities selectable for use by the respective application, the respective identity being selected based upon the application, and wherein the processor is configured to provide the selected identity to the application *(the Password-All Portal system/server, which includes a processor, selects the corresponding user ID and password stored in a user's profile based upon the respective application residing on servers 23, 25 and 27 to provide the needed data for log-on the application)* **(Wu, Fig. 2, page 5, lines 25-55, page 6, lines 36-51 and page 7, lines 39-61)**.

However, **Wu** does not **explicitly** teach the respective identify being selected based upon at least one user preference independent of user input to the application.

In an analogous art, **Khakoo** discloses a method and system for delivering messages based on user presence, preferences or location of the recipient, wherein the instant message delivery server updates the presence and device address entries based on the automatic detection of the presence of the user to enable the delivery of

messages to be routed and scheduled based on the location and availability of the intended recipient *(i.e., selecting an identity of an user such as user's address, phone number or URL, based on the user status and preference)* **(Khakoo, Abstract, Fig. 2 and paragraphs [0020-0021])**.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the features of automatically selecting one of a plurality of identities for use by the respective application, based upon the application and at least one user preference, as disclosed by **Khakoo**, into the teachings of **Wu**. One would be motivated to do so to enable the delivery of data communication to be routed to the user based on user presence, preferences or locations/devices of the user.

6.   As to claim 2, **Wu-Khakoo** discloses the apparatus according to claim 1, wherein a user naming system is configured to receive, from a trusted application, a request for an identity of a user, and wherein the UNS is configured to select an identity further based upon a status of the user *(select an identity based on user presence, user location, i.e., based on the status of the user)* **(Khakoo, Abstract)**.

7.   As to claim 3, **Wu-Khakoo** discloses the apparatus according to claim 2, wherein the at least one user preference comprises at least one naming preference, wherein the user naming system is configured to obtain a status of the user, and thereafter match the status of the user with a status of a naming preference that also includes a

predefined identity, and wherein the user naming system is configured to select the predefined identity of the respective naming preference *(the instant message delivery server 100 is always able to determine whether a user is available and select an identity of an user such as user's address, phone number or URL, based on the user status and preference)* **(Khakoo, Abstract, Fig. 2 and paragraphs [0020-0021])**.

8.   As to claim 4, **Wu-Khakoo** discloses the apparatus according to claim 3, wherein the processor is configured to match the status of the user with a status of at least one naming preference that further includes at least one application *(the instant message delivery server 100 updates the presence and device address entries based on the automatic detection of the presence of the user)* **(Khakoo, Abstract, Fig. 2 and paragraphs [0020-0021])**, wherein the processor is further configured to match the application requesting the identity with an application of one of the at least one naming preference having a matching status, and wherein the processor is configured to select the predefined identity from the naming preference having a matching status and having a matching application *(if the intended recipient is available at a voice-capable device, the text-based message is converted to speech and then delivered by means of a voice call, etc.)* **(Khakoo, paragraphs [0014-0016])**.

9.   As to claim 6, **Wu-Khakoo** discloses the apparatus according to claim 1, wherein the processor is further configured to identify a current preferred identity based upon at least one user preference and a status of the user, wherein the UNS is configured to

receive, from a trusted application, a request for an identity of a user, and wherein the processor is configured to select the current preferred identity *(if the intended recipient is available at a voice-capable device, the text-based message is converted to speech and then delivered by means of a voice call, etc.)* **(Khakoo, paragraphs [0014-0016] and [0020-0021])**.

10.   As to claim 7, **Wu-Khakoo** discloses the apparatus according to Claim 6, wherein the at least one user preference comprises at least one naming preference, wherein the processor is configured to obtain a status of the user *(the instant message delivery server 100 updates the presence and device address entries based on the automatic detection of the presence of the user)* **(Khakoo, Abstract, Fig. 2 and paragraphs [0020-0021])**, and thereafter match the status of the user with a status of a naming preference that also includes a predefined identity, and wherein the processor is configured to identify the predefined identity of the respective naming preference as a current preferred identity *(if the intended recipient is available at a voice-capable device, the text-based message is converted to speech and then delivered by means of a voice call, etc.)* **(Khakoo, paragraphs [0014-0016])**.

11.   As to claim 8, **Wu-Khakoo** discloses the apparatus according to Claim 7, wherein the processor is configured to match the status of the user with a status of at least one naming preference that further includes at least one application *(the instant message delivery server 100 updates the presence and device address entries based*

on the automatic detection of the presence of the user) **(Khakoo, Abstract, Fig. 2 and paragraphs [0020-0021])**, wherein the processor is configured to identify, for each application of each naming preference having a matching status, the predefined identity of the respective naming preference as a current preferred identity of the respective application, and wherein the processor is configured to select the current preferred identity of an application matching the application requesting the identity *(if the intended recipient is available at a voice-capable device, the text-based message is converted to speech and then delivered by means of a voice call, etc.)* **(Khakoo, paragraphs [0014-0016])**.

12.   Claims 9-12 and 14-16 are corresponding method claims of system claims 1-4 and 6-8; therefore, they are rejected under the same rationale.

13.   Claims 17-20 and 22-24 are corresponding computer program product claims of system claims 1-4 and 6-8; therefore, they are rejected under the same rationale.

14.   Claims 5, 13 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wu-Khakoo, in view of Gabber et al. (US 5,961,593), hereinafter "Gabber".

15.   As to claim 5, **Wu-Khakoo** discloses an apparatus according to claim 1, but does not **explicitly** disclose wherein the UNS is capable of one of selecting and generating a

pseudonym to thereby select an identity, and wherein the UNS is capable of providing the pseudonym.

In the same field of endeavor, **Gabber** teaches a proxy system generates and provides substitute identifiers *(i.e., pseudonyms)*, which allow users to access the server sites anonymously via the proxy system **(Gabber, page 5, line 58 – page 6, line 17 and col. 11, line 54 – col. 12, line 8)**.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the features of being capable of one of selecting and generating a pseudonym to thereby select an identity, and providing the pseudonym to a non-trusted application, as disclosed by **Gabber**, into the teachings of **Wu-Khakoo**. One would be motivated to do so to allow a user to establish accounts on web-sites without revealing his true identity, and without reusing the same user names, passwords for multiple sites to avoid a security breach at one site to affect other sites, at the same time to allow the user to browse/access the Internet in a safe and private (anonymous) manner **(Gabber, page 2, lines 3-19 and lines 51-55)**.

16.   Claim 13 is a corresponding method claim of system claim 5; therefore, it is rejected under the same rationale.

17.   Claim 21 is a corresponding computer program product claim of system claim 5; therefore, it is rejected under the same rationale.

Response to Arguments

18.   In the Remarks, Applicants argued in substance that

(**A**)   *"Wu does not teach a request for an identity of a user let alone provide a*
processor configured to receive a request for an identity of a user from an application"
(as recited from page 7 of the Remarks).

As to point (**A**), Examiner respectfully disagrees noting that Wu teaches if the
subscriber navigates by use of the local browser to a Web page requiring a secure log-
in, such as his/her on-line banking destination, when the subscriber is presented with an
input window for ID and password *(i.e., a request for an identity of a user)*, the plug-in
[of the Password-All Portal system] may be activated to access, transparently, the
Password-All page and automatically to retrieve the needed data for log-on the on-line
banking application *(hence, in response to the request for the identity of the user, the*
plug-in retrieves the respective user ID and password of the user to submit to the on-
line banking application for authentication) **(Wu, Fig. 2, page 5, lines 25-55, page 6,**
lines 36-51 and page 7, lines 39-61).

Therefore, **Wu** does teach *"a request for an identity of a user let alone provide a*
processor configured to receive a request for an identity of a user from an application",
as recited in the claimed invention.

Conclusion

19.   Applicant's arguments as well as request for reconsideration filed on 09/29/2008 have been fully considered but they are moot in view of the new ground(s) of rejection and are not deemed to be persuasive.

20.   Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.   Accordingly, **THIS ACTION IS MADE FINAL**.   See MPEP § 706.07(a).   Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action.   In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action.   In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

21.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Rupal Dharia, can be reached at (571) 272-3880. The fax phone number for the organization is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Quang N. Nguyen/
Examiner, Art Unit 2441